

June 1, 2012

***VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY***

Washington Utilities and Transportation Commission
1300 S. Evergreen Park Drive SW
P.O. Box 47250
Olympia, WA 98504-7250

Attention: David W. Danner
Executive Director and Secretary

RE: Docket UE-110523 - June 1, 2012 Renewable Report

Dear Mr. Danner:

Pursuant to RCW 19.285.070 and WAC 480-109-040, PacifiCorp, d.b.a. Pacific Power & Light Company (PacifiCorp or the Company) submits its June 1, 2012 Renewable Report to the Washington Utilities and Transportation Commission in order to report the Company's progress in meeting the targets established in RCW 19.285.040.

PacifiCorp requests confidential treatment for Attachments A and work papers to the Renewable Report and requests that this information be treated as confidential information pursuant to RCW 80.04.095 in accordance with WAC 480-07-160. The documents labeled as confidential include proprietary cost data, commercially sensitive load and resource projections, confidential market analyses and business projections and confidential information related to renewable energy credits and/or compliance with RCW 19.285. This confidential business information is of significant commercial value, which could expose the Company to competitive injury if disclosure is unrestricted. Therefore, the Company requests confidential treatment on the basis that the documents contain "valuable commercial information, including trade secrets or confidential marketing, cost, or financial information, or customer-specific usage and network configuration and design information," as provided in RCW 80.04.095 in accordance with WAC 480-07-160(2)(c).

PacifiCorp submits thirteen (13) redacted copies and thirteen (13) confidential copies clearly designated with "Confidential per WAC 480-07-160" marked on each page of the confidential Attachment A. This information is printed on yellow paper, separately bound, and placed in a sealed envelope. Work papers are submitted on confidential CD.

In compliance with RCW 19.285.070(3) the Company has posted the redacted version of the Renewable Report on its website to make the information available to the Company's customers.

Washington Utilities & Transportation Commission

June 1, 2012

Page 2

It is respectfully requested that any formal correspondence and staff requests regarding these reports be addressed to:

By email (preferred)

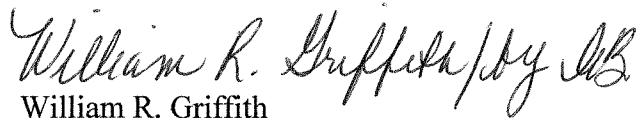
datarequest@pacificorp.com

By regular mail:

Data Request Response Center
PacifiCorp
825 NE Multnomah Street, Suite 2000
Portland, OR 97232

Informal questions should be directed to Carla Bird at (503) 813-5269.

Sincerely,

A handwritten signature in cursive script that reads "William R. Griffith / by AB".

William R. Griffith
Vice President, Regulation

Enclosures



PacifiCorp Renewable Report

Washington



Goodnoe Hills, Goldendale, Washington

June 1, 2012

Table of Contents

Introduction..... 2

Executive Summary 3

Annual Load for Previous Two Years and Renewable Energy Target..... 4

Energy Independence Act (I-937) Commerce Renewable Report 7

Alternative Compliance 11

Resource Cost Compared To Annual Retail Revenue Requirement 12

Current Year Progress..... 14

Supporting Documents for Renewable Report 15

Listing of Attachments..... 16

 Attachment A (Confidential) – Washington Utilities and Transportation Commission RPS
 Report Tool..... 16

 Attachment B – PacifiCorp Description of Incremental Hydro Methodology..... 16

Introduction

PacifiCorp's (PacifiCorp or Company) June 1, 2012 Renewable Report (Renewable Report) is being submitted to the Washington Department of Commerce (Commerce) and Washington Utilities and Transportation Commission (WUTC or Commission) in response to reporting requirements established as part of the Energy Independence Act. The report is consistent with RCW 19.285.070 which states, in relevant part:

- (1) On or before June 1, 2012, and annually thereafter, each qualifying utility shall report to the department on its progress in the preceding year in meeting the targets established in RCS 19.285.40, including expected electricity savings from the biennial conservation target, expenditures on conservation, actual electricity savings results, the utility's annual load for the prior two years, the amount of megawatt-hours needed to meet the annual renewable energy target, the amount of megawatt-hours of each type of eligible renewable resource acquired, the type and amount of renewable energy credits acquired, and the percent of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits.*
- (2) A qualifying utility that is an investor-owned utility shall also report all information required in subsection (1) of this section to the commission, and all other qualifying utilities shall also make all information required in subsection (1) of this section available to the auditor.*

This report is also consistent with the collaborative workshop documents addressing annual reporting requirements, in Docket UE-110523.

As directed in Docket UE-110523 memorandum dated May 4, 2012, two separate filings will be made, one for "Conservation" and a second for "Renewables". This report addresses the renewable targets and progress; the conservation report will be filed under separate cover.

Executive Summary

Under RCW 19.285.040(2)(a), each qualifying utility shall use eligible renewable resources or acquire equivalent renewable energy credits (RECs), or a combination of both, to meet annual targets. For purposes of this report, the relevant target is at least three percent of the Company's Washington retail load as of January 1, 2012. As will be demonstrated herein, the Company has met this target and, in accordance with WAC 480-109-020, is positioned to use eligible renewable resources and RECs to supply at least three percent of its Washington load for the remainder of the year. The Company plans to do so with a combination of RECs from company-owned resources, REC purchases, and eligible renewable resources, primarily hydro electric facilities that were upgraded after March 1999.

A summary of the Company's 2012 renewable resource target and eligible renewable resources and RECs are provided below:

Table 1

PacifiCorp 2012 Renewable Target and Eligible Resource and RECs	
Average Retail Sales (MWh)	3,995,247
2012 Percentage Target	3%
2012 Renewable Target	119,857
2012 Qualifying Resources & RECs	119,857

As such, the Company will not be relying on any of the alternative compliance mechanisms provided in WAC 480-109-030.

Annual Load for Previous Two Years and Renewable Energy Target

Under RCW 19.285.040(2)(c) and WAC 480-109-020(3), a utility must calculate its annual target based on its average load for the previous two years. Accordingly, using the average of the Washington annual retail loads for the prior two years, PacifiCorp calculates its annual renewable target for 2012 to be 119,857 megawatt-hours. This is summarized below.

Table 2

PacifiCorp 2012 Renewable Target	
2010 Retail Sales (MWh)	3,984,631
2011 Retail Sales (MWh)	4,005,863
Average Retail Sales (MWh)	3,995,247
2012 Percentage Target	3%
2012 Renewable Target	119,857

Renewable Energy Acquired To Meet Renewable Energy Target

The Company plans to meet its renewable resource target for 2012 with a combination of RECs from company-owned and third-party wind facilities and eligible renewable resources that are hydro electric facilities with upgrades completed after March 1999.

The Company is submitting the Commission's RPS Report Tool as Confidential Attachment A. The RPS Report Tool details the renewable resource target for 2012 and the RECs and renewable resources to meet the 2012 target. The report also contains responses to WUTC Staff May 22, 2012 Staff Information Request,¹ including the following:

- a. Forecasted load for 2012 and 2013
- b. Forecasted renewable target for 2013
- c. Estimated renewable energy generation for 2012 and 2013
- d. Estimated renewable energy credits for 2012 and 2013
- e. Estimated excess renewable energy/RECs that may be applied to 2013
- f. Percentage allocation to Washington
- g. Estimated deficit or excess for 2012 and any carryover to the next compliance period
- h. Description of assumptions for forecast and REC sales

The Company intends to use RECs from the following company-owned facilities:

Table 3

Resource Name	Fuel Source
Goodnoe Hills	Wind
Leaning Juniper	Wind
Marengo I	Wind
Marengo II	Wind

These four wind facilities are located in Oregon and Washington. Descriptions of the projects are referenced in the Supporting Documents for Renewable Report section.

Additionally, the Company has identified upgrades to hydro electric facilities located in the Pacific Northwest that were completed after March 31, 1999, listed in Table 4 below. The Company performed analyses to determine the incremental energy associated with upgrades to hydro electric facilities. The methodology is described in Attachment B.

¹ On May 22, 2012, Commission staff requested that companies file the following information on or before June 1, 2012:

- a. Compliance Status Percentage
Please provide the projected load, the percent contribution of both company eligible renewable resources and renewable energy credits (RECs) toward satisfaction of RPS requirements; the percent contribution of both renewable resources and RECs toward satisfaction of the 2012 company reserve (buffer), and information on how these percentages have been calculated, including how acquired resources and RECs have been allocated to Washington State.
- b. Do you expect to exceed your renewable "need" for 2012? Please provide information on the level of expected excess, including the number of RECs that you expect to sell in 2012 and the number of RECs you expect to carry over to 2013.

This methodology is consistent with the methodology that the Company submitted to the Oregon Department of Energy to certify these facilities and the incremental energy for the Oregon RPS program. The Company is providing the analyses in Confidential Work Papers – PacifiCorp Hourly Incremental Hydro Analyses.

Table 4

Resource Name	Fuel Source
Prospect 2	Water – Hydro Upgrade 1999
Lemolo 1	Water – Hydro Upgrade 2003
JC Boyle	Water – Hydro Upgrade 2005
Lemolo 2	Water – Hydro Upgrade 2009

PacifiCorp has two contracts for REC only transactions executed prior to January 1, 2012. The counterparties are to provide RECs from Washington RPS eligible resources.

The Company also has an executed power purchase contract for the output from a facility owned by Grant Public Utilities District (PUD) – the Wanapum Dam, where Grant PUD has determined the amount of incremental hydro associated with the Wanapum Future Unit Fish Bypass for compliance year 2012. The Company is providing the analysis conducted by Grant PUD and attestation letter in Confidential Work Papers – Wanapum Incremental Hydro Analysis.

The generation and RECs are estimates and allocated to Washington based on the system generation factor, using a November 2011 load forecast, except for any RECs that are situs allocated to Washington. A summary of the REC volumes and the incremental hydro generation allocated to Washington are listed below:

Table 5

Type	Fuel Source	WA - Allocated Volume (MWh)
RECs	Wind	117,716
Incremental Hydro Generation	Water	2,141

The Company has included the power purchase agreements associated with the REC only transactions and the Grant PUD contract in Confidential Work Papers - REC Only Contracts and Power Purchase Agreements.

The Company has included, in the following pages, PacifiCorp’s report submitted to Commerce that provides the summary of the total number of megawatt-hours and renewable energy credits that the Company plans to use to meet its renewable resource target for 2012.

Energy Independence Act (I-937) Commerce Renewable Report

Energy Independence Act (I-937) Renewable Energy Report

Utility PacifiCorp (dba Pacific Power)
 Report Submittal Date June 1, 2012
 Utility Contact Name/Dept Carla Bird
 Phone 503-813-5269
 Email carla.bird@pacifiCorp.com

Compliance Year 2012

Note: All entries are based on contracts dated no later than January 1, 2012.

Annual Retail Revenue Requirement	\$ 307,695,000
Budgeted Incremental Expenditures on Eligible Renewable Resources	\$ -
Budgeted Expenditures for Renewable Energy Credits	\$ 1,785,733
Total Budgeted Incremental Expenditures	\$ 1,785,733
Budgeted Incremental Expenditures on Renewable Resources as % of Annual Retail Revenue Requirement	0.58%

2010 Annual Load (MWh)	3,984,631
2011 Annual Load (MWh)	4,005,863
Average of 2010 & 2011 Loads (MWh)	3,995,247
Statutory Target 2012-2015	3.0%
2012 Renewable Energy Target (MWh)	119,857
2012 Renewable Energy Acquired* (MWh)	119,857
Actual Acquired as % Average Annual Load	3.0%

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)								
										Water	Wind	Solar	Geothermal	Landfill Gas	Wave, Ocean, Tidal	Gas from Sewage Treatment	Biodiesel
	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh	MWh
Eligible Renewable Resources	-	2,141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renewable Energy Credits	-	117,716	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renewable Achievement (MWh)	-	119,857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Energy Independence Act (I-937) Commerce Renewable Report – Continued

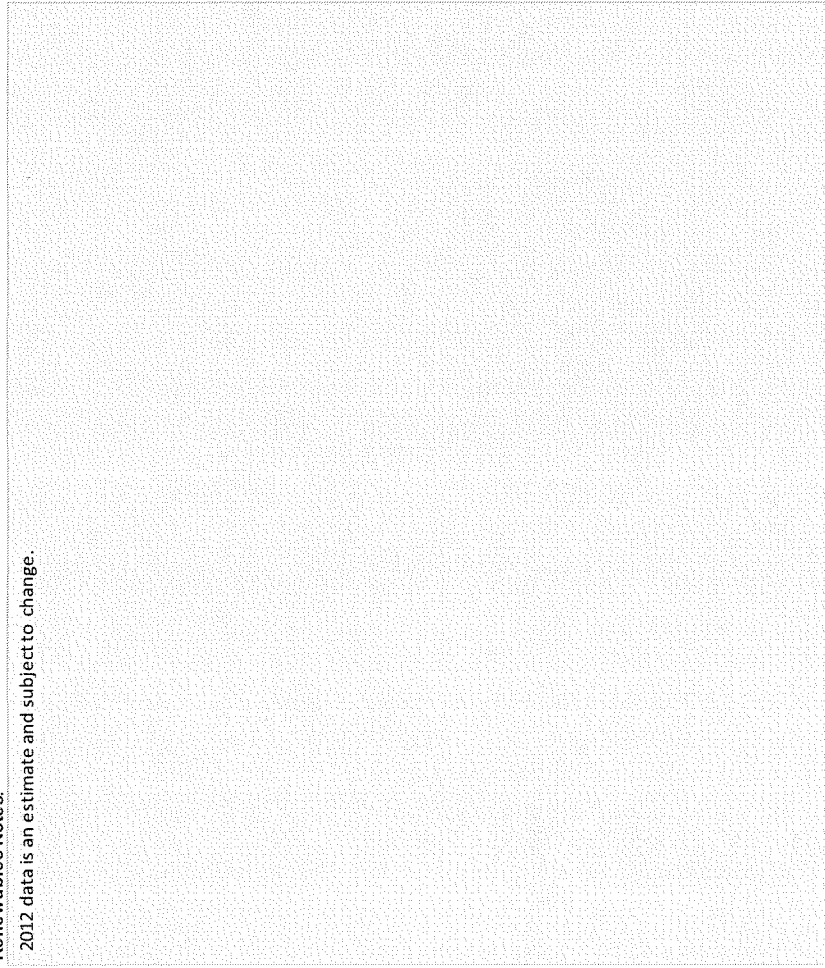
Renewable Energy Credits		Utility		Compliance Year																
			PacifiCorp (dba Pacific Power)		2012															
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	
Facility Name (REC Vintage)	Water MWh	Wind MWh	Solar Energy MWh	Geothermal Energy MWh	Landfill Gas MWh	Wave, Ocean, Tidal MWh	Gas from Sewage Treatment MWh	Biodiesel MWh	Biomass Energy MWh	Apprentice Labor MWh equivalent	Distributed Generation MWh equivalent									
Goodnoe Hills (2011)		18,896																		
Leaning Juniper (2011)		18,530																		
Marengo (2011)		31,837																		
Marengo II (2011)		15,341																		
Bennett Creek Windfarm (2011)		12,259																		
Hot Springs Windfarm (2011)		7,963																		
Tuana Springs Windfarm (2012)		12,890																		

Energy Independence Act (I-937) Commerce Renewable Report – Continued

Utility	PacifiCorp (dba Pacific Power)
Compliance Year	2012

Renewables Notes:

2012 data is an estimate and subject to change.



Alternative Compliance

Under WAC 480-109-040(c), the utility must state in its report if it is relying upon one of the alternative compliance mechanisms provided in WAC 480-109-030 instead of meeting its renewable resource target. The Company does not anticipate that it will invest at least four percent of its total annual retail revenue requirement on the incremental costs of eligible renewable resources, renewable energy credits, or a combination of both.

Further, the Company does not plan to rely on any other alternative compliance mechanisms to meet its renewable resource target for 2012.

Resource Cost Compared To Annual Retail Revenue Requirement

Under RCW 19.285.070(1), a utility must report the percent of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits. Similarly, under WAC 480-109-040(1)(b), a utility must report the incremental cost of eligible renewable resources and renewable energy credits, and the ratio of this investment relative to the utility's total annual retail revenue requirement. The incremental cost of an eligible renewable resource is defined in RCW 19.285.050(1)(b) as the difference between the levelized delivered cost of the eligible renewable resource, regardless of ownership, compared to the levelized delivered cost of an equivalent amount of reasonably available substitute resources that do not qualify as eligible renewable resources, where the resources being compared have the same contract length or facility life. The incremental cost of an eligible renewable resource is also defined in WAC 480-109-030(1) as the difference between the levelized delivered system cost of the eligible renewable resource and the levelized delivered cost of an equivalent amount of reasonably available nonrenewable resource.

REC Costs for Owned Wind Resources

The Company developed a methodology for determining the cost of its RECs that is consistent with the Company's integrated resource planning and resource acquisition analysis used for Company owned wind resources. The cost of the REC is the nominal levelized cost of the renewable resource compared to an equivalent amount of a substitute resource, in this case, the market price curve (Mid-Columbia) shaped to the output renewable resource.

REC Costs from Non-Owned Wind Resources

The cost of the RECs from non-owned wind resources are based on the contractual price set-forth in the applicable bilateral agreements between the Company and the counterparty.

Incremental Costs for Renewable Energy from Incremental Hydro Upgrades

The incremental cost of the eligible incremental renewable energy from owned hydro and purchase power agreements was deemed to be zero.

The majority of the equipment replacements associated with the Company-owned hydro electric facilities was made in conjunction with facility overhauls; the incremental cost associated with the equipment replacements is zero on the economic basis that the marginal cost of gaining output was less than the cost of an equivalent alternative. The upgrades to the hydro electric facilities were economic decisions, as the upgrades were made to increase efficiency and to prevent forced outages from old and unreliable equipment. As such, the Company would have made the upgrades regardless of the RPS requirement.

The cost associated with incremental renewable energy from the Wanapum facility is based on the average estimated energy cost for 2012 which is set in the contract for 2012. The equivalent volume is compared to the monthly high load hour and low load hour market price (Mid-Columbia) shaped to the output of the incremental generation for the target compliance year to determine the incremental cost. Because the nominal levelized cost associated with the incremental energy is less than the levelized cost of the substitute resource, in this case market, the incremental cost is zero.

Confidential Work Papers - PacifiCorp Resource Cost Analysis provides the key assumptions and analysis that the Company used to forecast the estimated resource costs associated with the renewable resources and RECs for the target year 2012.

Revenue Requirement

The most recent annual revenue requirement approved in Docket UE-111190 by the WUTC is \$307,695,000. Rates from this general rate case become effective on June 1, 2012.

Resource Costs Compared to Revenue Requirement

Table 6 shows the expected Washington allocated resource costs (incremental cost of eligible renewable resources and the cost of renewable energy credits) compared to the annual revenue requirement for 2012.

Table 6

Calendar Year	Washington Allocated Resource Costs	Washington Annual Revenue Requirement	% of Washington Expected Allocated Resource Costs to Annual Revenue Requirement
2012	\$1,785,733	\$307,695,000	0.58 %

Based on this analysis, the Company does not anticipate that it will exceed the four percent threshold.

Current Year Progress

As evidenced in this report, the Company is positioned to meet its Washington 2012 renewable compliance target with a combination of RECs from company-owned resources, unbundled REC purchases and renewable energy from hydro electric facilities with upgrades completed after March 1999. The Company has set-aside the WREGIS certificates, to date, that it plans to retire upon Commission approval of the Renewable Report. The Company is providing a listing of the WREGIS certificates in Confidential Work Papers – WREGIS Certificates for Washington Compliance.

The Company anticipates it will invest less than four percent of its total annual retail Washington revenue requirement on the incremental costs of eligible renewable resources, renewable energy credits, or a combination of both.

Further, the Company does not plan to rely on any other alternative compliance mechanisms to meet its renewable resource target for 2012.

Supporting Documents for Renewable Report

Provided below are links to supporting documents in support of the Company's Renewable Report.

1. Wind Project Fact Sheets

Goodnoe Hills

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Goodnoe_Hills.pdf

Leaning Juniper

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Leaning_Juniper.pdf

Marengo

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Marengo.pdf

Marengo II

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Marengo_II.pdf

2. Collaborative group documents from workshops conducted at the Commission and through a number of multiple issues-specific teleconference meetings, filed in Docket UE-110523.

<http://www.utc.wa.gov/docs/Pages/DocketLookup.aspx?FilingID=110523>

Listing of Attachments

Attachment A (Confidential) – Washington Utilities and Transportation
Commission RPS Report Tool

Attachment B – PacifiCorp Description of Incremental Hydro Methodology

**PacifiCorp
Annual Report Requirements
RCW 19.285.070
Washington Renewable Report
June 1, 2012**

Attachment A

**CONFIDENTIAL
Washington Utilities & Transportation
Commission
RPS Report Tool**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

PacifiCorp

Renewable Report

RPS Reporting Tool

REDACTED

June 1, 2012

General Instructions:

- Grey shading indicates cells where information is not required
- Yellow shading indicate cells where inputs are entered
- Green shading indicate cells with dropdown lists
- White shading indicate formulated cells
- Blue shading indicates summary calculations

"Compliance Summary" Worksheet

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
	1	Reporting Entity	Text	B2	Enter the name of the reporting entity
	2	Reporting Date	Year	B4	Enter the date the report is submitted
	3	Delivered Load to Retail Customers	MWh	B7:E7	Enter the MWh delivered to customers

"Facility Detail" Worksheet

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
Instructions in the section are for the cells B2:F31. Each row represents a different facility.					
	1	Facility Name	Text	B2:B31	Enter the name of the qualifying facility or contract
	2	WREGIS ID	Text	C2:C31	Enter the WREGIS ID for the qualifying facility
	3	Facility Type	Toggle	D2:D31	Select the generation type for the qualifying facility
	4	Extra Apprenticeship Credit Eligibility	Toggle	E2:E31	For facilities that qualify for extra apprenticeship credits select "Eligible". Select "Not Eligible" for non-qualifying facilities.
	5	Distributed Generation Eligibility	Toggle	F2:F31	For facilities that qualify for distributed generation select "Eligible". Select "Not Eligible" for non-qualifying facilities.

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
Instructions in this section identify the input locations for the 1st facility found in the "Facility Detail" worksheet. Inputs for facilities 2 through 30, also found in the "Facility Detail" worksheet, are identical to facility 1.					
	6	Total MWh Produced from Facility	Number	D39:F39	Enter the annual MWh output from the qualifying facility
	7	Percent of MWh Qualifying	%	D40:F40	Enter the percent of MWh produced that are eligible for meeting RCW 19.285
	8	Percent of Qualifying MWh Allocated to WA State Compliance	%	D41:F41	Enter the percent of qualifying MWh used for compliance with RCW 19.285. Used for facilities that are utilized for RPS compliance in two or more states.
	9	Quantity of RECs from MWh Sold	Number	D50:F50	Enter the annual amount of RECs sold. For Multi-Jurisdictional Utilities, enter in annual WA allocated amount of RECs sold.
	10	Bonus Incentives Transferred	Number	D51:F51	Enter the annual amount of transferred RECs procured from bonus incentives
	11	Bonus Incentives Not Realized	Number	D52:F52	Enter the annual number of bonus incentives that were not realized
	12	2011 Surplus Applied to 2012	Number	D56	Enter the amount of RECs procured in 2011 used for compliance in 2012
	13	2012 Surplus Applied to 2011	Number	E57	Enter the amount of RECs procured in 2012 used for compliance in 2011
	14	2012 Surplus Applied to 2013	Number	E58	Enter the amount of RECs procured in 2012 used for compliance in 2013
	15	2013 Surplus Applied to 2012	Number	F59	Enter the amount of RECs procured in 2013 used for compliance in 2012
	16	Adjustment for Events Beyond Control	Number	D62:F62	Enter the annual MWh not produced due to events beyond control as outlined in RCW 19.285.040 (2)(i)

Reporting Entity:

PacifiCorp

Reporting Date:

June 1, 2012

RCW 19.285 Compliance Need

Delivered Load to Retail Customers (MWh)
WA State RCW 19.285 Requirement
Quantity Required for Compliance

	2010	2011	2012	2013
Delivered Load to Retail Customers (MWh)	3,984,631	4,005,863		
WA State RCW 19.285 Requirement		0%	3%	3%
Quantity Required for Compliance		-	119,857	

Eligible Quantity Acquired

Qualifying MWh Allocated to WA
Quantity from Non REC Eligible Generation
Total Quantity Available for RCW 19.285 Compliance

	2010	2011	2012	2013
Qualifying MWh Allocated to WA		104,826		
Quantity from Non REC Eligible Generation		-	-	-
Total Quantity Available for RCW 19.285 Compliance		104,826		

Sales and Transfers

Quantity of RECs Sold
Bonus Incentives Transferred
Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2010	2011	2012	2013
Quantity of RECs Sold		-	-	-
Bonus Incentives Transferred		-	-	-
Bonus Incentives Not Realized		-	-	-
Total Sold / Transferred / Unrealized		-	-	-

Adjustments

2011 Surplus Applied to 2012
2012 Surplus Applied to 2011
2012 Surplus Applied to 2013
2013 Surplus Applied to 2012
Net Surplus Adjustments

	2010	2011	2012	2013
2011 Surplus Applied to 2012		(104,826)	104,826	
2012 Surplus Applied to 2011		-	-	
2012 Surplus Applied to 2013				
2013 Surplus Applied to 2012			-	-
Net Surplus Adjustments		(104,826)		

Adjustment for Events Beyond Control

	2010	2011	2012	2013
Adjustment for Events Beyond Control		-	-	-

RCW 19.285 Compliance Surplus / (Deficit)

	2010	2011	2012*	2013*
RCW 19.285 Compliance Surplus / (Deficit)		-	1	

* Any surplus shown in 2012 or 2013 may be sold or used for compliance in subsequent years. Compliance deficits shown in 2013 may be filled by REC procurement from subsequent years.

In both the "Compliance Summary" and "Facility Detail" worksheets, utilities may need to protect commercially sensitive information by use of the CONFIDENTIAL designation.

PACIFICORP Notes and Assumptions

Retail Sales Forecast:

2012-2013 forecast based on load forecast November 2011.

Facility Generation Forecast:

Wind: The Company uses one of three patterning methods to model wind resources. First, and if the appropriate data is available, historical monthly/seasonal patterns are developed using hourly data. This is the Company's preferred method. Second, if historical information is unavailable, but hourly data from wind site studies is, on/off peak engineering estimate patterns are developed. Third, if neither of the first two types of data is available, Energy Information Agency (EIA) wind patterning is used. Hydro: The Company uses either the historical median water year and runs that data through the Vista model or uses average historical generation to develop the hydro forecast.

REC Sales:

The company does not plan to sell any excess RECs and will hold any excess RECs and apply to a future year target.

Facility Name:	Facility WREGIS ID:	Facility Type	Extra Apprenticeship Credit Eligibility:	Distributed Generation Bonus Eligibility:	Online Date:
Goodnoe Hills	W536	Wind	Not Eligible	Not Eligible	31-May-08
Leaning Juniper	W200	Wind	Not Eligible	Not Eligible	14-Sep-06
Marengo I	W185	Wind	Not Eligible	Not Eligible	1-Aug-07
Marengo II	W772	Wind	Not Eligible	Not Eligible	28-Jun-08
Bennett Creek Windfarm - REC Only	W542	Wind	Not Eligible	Not Eligible	30-Sep-08
Hot Springs Windfarm - REC Only	W543	Wind	Not Eligible	Not Eligible	30-Sep-08
Tuana Springs - REC Only	W1503	Wind	Not Eligible	Not Eligible	14-May-10
Wanapum (Upgrade)	NA	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Jul-63
JC Boyle (Upgrade 2005)	W180	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Oct-58
Lemolo 1 (Upgrade 2003)	W157	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Jul-55
Lemolo 2 (Upgrade 2009)	W158	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Nov-56
Prospect 2 (Upgrade 1999)	W140	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Jan-28
Facility 13			---	---	
Facility 14			---	---	
Facility 15			---	---	
Facility 16			---	---	
Facility 17			---	---	
Facility 18			---	---	
Facility 19			---	---	
Facility 20			---	---	
Facility 21			---	---	
Facility 22			---	---	
Facility 23			---	---	
Facility 24			---	---	
Facility 25			---	---	
Facility 26			---	---	
Facility 27			---	---	
Facility 28			---	---	
Facility 29			---	---	
Facility 30			---	---	

In both the "Compliance Summary" and "Facility Detail" worksheets, utilities may need to protect commercially sensitive information by use of the CONFIDENTIAL designation.

Facility Name:

Goodnoe Hills

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Goodnoe Hills
Percent of MWh Qualifying Under RCW 19 285
Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Goodnoe Hills	239,431		
Percent of MWh Qualifying Under RCW 19 285	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%		
Eligible MWh Available for RCW 19.285 Compliance	18,896		

Non REC Eligible Generation

Extra Apprenticeship Credit
Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
Bonus Incentives Transferred
Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized			

Adjustments

2011 Surplus Applied to 2012
2012 Surplus Applied to 2011
2012 Surplus Applied to 2013
2013 Surplus Applied to 2012
Net Surplus Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	18,896	18,896	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	(18,896)		

Adjustment for Events Beyond Control

	2011	2012	2013
Adjustment for Events Beyond Control			

Contribution to RCW 19.285 Compliance

	2011	2012	2013
Contribution to RCW 19.285 Compliance	-	18,896	

Facility Name:

Leaning Juniper

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Leaning Juniper	234,789		
Percent of MWh Qualifying Under RCW 19 285	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%		
Eligible MWh Available for RCW 19.285 Compliance	18,530		

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	18,530	18,530	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	(18,530)		

	2011	2012	2013
Adjustment for Events Beyond Control			

Contribution to RCW 19.285 Compliance

	2011	2012	2013
	-	18,530	

Facility Name:

Marengo I

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Marengo I	403,408		
Percent of MWh Qualifying Under RCW 19 285	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%		
Eligible MWh Available for RCW 19.285 Compliance	31,837		

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	31,837	31,837	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	(31,837)		

	2011	2012	2013
Adjustment for Events Beyond Control			

Contribution to RCW 19.285 Compliance

	2011	2012	2013
	-	31,837	

Facility Name:

Marengo II

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Marengo II	194,378		
Percent of MWh Qualifying Under RCW 19 285	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%		
Eligible MWh Available for RCW 19.285 Compliance	15,341		

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	15,341	15,341	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	(15,341)		

Adjustment for Events Beyond Control

	2011	2012	2013

Contribution to RCW 19.285 Compliance

	2011	2012	2013
	-	15,341	

Facility Name:

Bennett Creek Windfarm - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Bennett Creek W	12,259		
Percent of MWh Qualifying Under RCW 19 285	100%		
Percent of Qualifying MWh Allocated to WA	100%		
Eligible MWh Available for RCW 19.285 Compliance	12,259	-	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	12,259	12,259	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	(12,259)	12,259	-

Adjustment for Events Beyond Control

	2011	2012	2013

Contribution to RCW 19.285 Compliance

	2011	2012	2013
	-	12,259	-

Facility Name: **Hot Springs Windfarm - REC Only**

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Hot Springs Wind	7,963		
Percent of MWh Qualifying Under RCW 19 285	100%		
Percent of Qualifying MWh Allocated to WA	100%		
Eligible MWh Available for RCW 19.285 Compliance	7,963	-	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012	7,963	7,963	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	(7,963)	7,963	-

Adjustment for Events Beyond Control

2011	2012	2013

Contribution to RCW 19.285 Compliance

2011	2012	2013
-	7,963	-

Facility Name: **Tuana Springs - REC Only**

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Tuana Springs - REC Only			6
Percent of MWh Qualifying Under RCW 19 285		100%	100%
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-		

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			
2013 Surplus Applied to 2012			
Net Surplus Adjustments	-		

Adjustment for Events Beyond Control

2011	2012	2013

Contribution to RCW 19.285 Compliance

2011	2012	2013
-	12,890	

Facility Name:

Wanapum (Upgrade)

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Wanapum (Upgrade)			
Percent of MWh Qualifying Under RCW 19 285		100%	
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-	725	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	-	-	-

Adjustment for Events Beyond Control

2011	2012	2013

Contribution to RCW 19.285 Compliance

2011	2012	2013
-	725	-

Facility Name:

JC Boyle (Upgrade 2005)

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from JC Boyle (Upgrade 2005)			
Percent of MWh Qualifying Under RCW 19 285		100%	
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-	64	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	-	-	-

Adjustment for Events Beyond Control

2011	2012	2013

Contribution to RCW 19.285 Compliance

2011	2012	2013
-	64	-

Facility Name:

Lemolo 1 (Upgrade 2003)

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Lemolo 1 (Upgrade 2003)			
Percent of MWh Qualifying Under RCW 19 285		100%	
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-	1,012	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	-	-	-

	2011	2012	2013
Adjustment for Events Beyond Control			

Contribution to RCW 19.285 Compliance

	-	1,012	-
--	---	-------	---

Facility Name:

Lemolo 2 (Upgrade 2009)

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Lemolo 2 (Upgrade 2009)			
Percent of MWh Qualifying Under RCW 19 285		100%	
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-	88	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	-	-	-

	2011	2012	2013
Adjustment for Events Beyond Control			

Contribution to RCW 19.285 Compliance

	-	88	-
--	---	----	---

Facility Name:

Prospect 2 (Upgrade 1999)

MWh Allocated to WA Compliance

	2011	2012	2013
Total MWh Produced / Purchased from Prospect 2 (Upgrade 1999)			
Percent of MWh Qualifying Under RCW 19 285		100%	
Percent of Qualifying MWh Allocated to WA			
Eligible MWh Available for RCW 19.285 Compliance	-	253	-

Non REC Eligible Generation

	2011	2012	2013
Extra Apprenticeship Credit	-	-	-
Distributed Generation Bonus	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-

REC Sales / Transfers

	2011	2012	2013
Quantity of RECs Sold			
Bonus Incentives Transferred			
Bonus Incentives Not Realized			
Total Sold / Transferred / Unrealized	-	-	-

Adjustments

	2011	2012	2013
2011 Surplus Applied to 2012		-	
2012 Surplus Applied to 2011	-		
2012 Surplus Applied to 2013			-
2013 Surplus Applied to 2012		-	
Net Surplus Adjustments	-	-	-

Adjustment for Events Beyond Control

	2011	2012	2013

Contribution to RCW 19.285 Compliance

	2011	2012	2013
	-	253	-

Compliance Contribution by Generation Type

	2011	2012	2013
Wind	-	117,716	-
Solar	-	-	-
Water (Incremental Hydro)	-	2,142	-
Biomass	-	-	-
Geothermal	-	-	-
Landfill Gas	-	-	-
Sewage Treatment Gas	-	-	-
Wave, Ocean, Tidal	-	-	-
Biodiesel Fuel	-	-	-

**PacifiCorp
Annual Report Requirements
RCW 19.285.070
Washington Renewable Report
June 1, 2012**

Attachment B

**Description of Methodology for
Calculating Incremental Hydro for
Company Owned Hydro Electric Projects**



Attachment B

Description of Hydroelectric Efficiency Analysis

The incremental hydro generation resulting from efficiency gains from hydropower upgrades were calculated using the same method that PacifiCorp submitted to the Oregon Department of Energy for certification of PacifiCorp's facilities as eligible for the Oregon Renewable Portfolio Standard program.

Historical hourly generation data for the period 2007 through 2010 was collected for each unit that was upgraded. Each hour of generation was modified to create two additional hourly profiles representing the efficiency of the unit before and after the upgrade. The hourly pre- and post- efficiency values were based on curves developed from the unit index tests or manufacturer-provided theoretical curves. Efficiency gain for each hour was calculated by taking the difference between the new and old efficiency value and dividing it by the old efficiency value. This gain was then multiplied by the post upgrade generation value to produce an incremental megawatt-hour gain. The initial calculated incremental gain was subtracted from the pre/post upgraded generation profiles to exclude the generation associated with the upgrade.

Generation improvements were calculated for every instance when efficiency improvements were positive including those periods when the unit was ramping up to maximum efficiency. In some cases, portions of the post efficiency upgrade curve are less than the pre upgrade curve. In instances that the efficiency gain was negative, generation was not included in the calculation. Further, since in some cases the post upgrade curve extended beyond the pre upgrade curve (i.e. the new turbine had a higher generation capacity) generation improvements were capped at the point when flows on the pre and post upgrade curve were equal.